

**DECLARATION AND POWER OF ATTORNEY**  
**Original Application**

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below, of the invention entitled:

**MICRO-FABRICATED SORTER FOR CHEMICAL AND BIOLOGICAL MATERIALS**

which is described and claimed in:

☐ the attached specification or ☒ the specification in application  
Serial No. 09/325,667,  
filed May 21, 1999  
(for declaration not accompanying appl.)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR §1.56. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim the priority benefits under 35 U.S.C. §119 of any application(s) for patent or inventor's certificate listed below. All foreign applications for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns prior to the application(s) of which priority is claimed are also identified below.

**PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED**

<u>COUNTRY</u>	<u>APPLICATION NO.</u>	<u>DATE OF FILING</u>
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As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith: Gordon D. Coplein #19,165, William F. Dudine, Jr. #20,569, Michael J. Sweedler #19,937, S. Peter Ludwig #25,351, Paul Fields #20,298, Marc S. Gross #19,614, Harold E. Wurst #22,183, Joseph B. Lerch #26,936, Melvin C. Garner #26,272, Ethan Horwitz #27,646, Beverly B. Goodwin #28,417, Adda C. Gogoris #29,714, Martin E. Goldstein #20,869, Bert J. Lewen #19,407, Henry Sternberg #22,408, Robert A. Green #28,301, Peter C. Schechter #31,662, Robert Schaffer #31,194, David R. Francescani #25,159, Robert C. Sullivan, Jr. #30,499, Ira J. Levy #35,587, Joseph R. Robinson #33,448, David B. Schram #43,096

all of the firm of DARBY & DARBY P.C., 805 Third Avenue, New York, NY 10022

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

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805 Third Avenue  
New York, NY 10022

Robert Schaffer  
  
212-527-7700

**FULL NAME AND RESIDENCE OF INVENTOR 1**

LAST NAME: SPENCE              FIRST NAME: Charles              MIDDLE NAME: F.

CITY: Arcadia              STATE: California              COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 748 S. Golden West Avenue, #7              CITY: Arcadia              STATE: California              ZIP CODE: 91107

**FULL NAME AND RESIDENCE OF INVENTOR 2**

LAST NAME: FU              FIRST NAME: Anne              MIDDLE NAME: Y.

CITY: Hacienda Heights              STATE: California              COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 16320 Canelones Drive              CITY: Hacienda Heights              STATE: California              ZIP CODE: 91745

09955006532560

FULL NAME AND RESIDENCE OF INVENTOR 3

LAST NAME: **QUAKE** FIRST NAME: **Stephen** MIDDLE NAME: **R.**

CITY: **San Marino** STATE: **California** COUNTRY OF CITIZENSHIP: **91108**

POST OFFICE ADDRESS: **744 Plymouth Road** CITY: **San Marino** STATE: **California** ZIP CODE: **91108**

FULL NAME AND RESIDENCE OF INVENTOR 4

LAST NAME: **Arnold** FIRST NAME: **Frances** MIDDLE NAME: **H.**

CITY: **Pasadena** STATE: **California** COUNTRY OF CITIZENSHIP: **USA**

POST OFFICE ADDRESS: **629 S. Grand Avenue** CITY: **Pasadena** STATE: **California** ZIP CODE: **91105**

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: \_\_\_\_\_ DATED: \_\_\_\_\_  
Charles F. Spence

SIGNATURE OF INVENTOR 2: \_\_\_\_\_ DATED: \_\_\_\_\_  
Anne Y. Fu

SIGNATURE OF INVENTOR 3: \_\_\_\_\_ DATED: \_\_\_\_\_  
Stephen R. Quake

SIGNATURE OF INVENTOR 4: Frances H Arnold DATED: 10/6/99  
Frances H. Arnold

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09/325,667-065822550

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CITY: Arcadia                      STATE: California                      COUNTRY OF CITIZENSHIP: U.S.A.

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**FULL NAME AND RESIDENCE OF INVENTOR 2**

LAST NAME: FU                      FIRST NAME: Anne                      MIDDLE NAME: Y.

CITY: Hacienda Heights                      STATE: California                      COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 16320 Canelones Drive                      CITY: Hacienda Heights                      STATE: California                      ZIP CODE: 91745

FULL NAME AND RESIDENCE OF INVENTOR 3

LAST NAME: QUAKE FIRST NAME: Stephen MIDDLE NAME: R.  
CITY: San Marino STATE: California COUNTRY OF CITIZENSHIP: 91108  
POST OFFICE ADDRESS: 744 Plymouth Road CITY: San Marino STATE: California ZIP CODE: 91108

FULL NAME AND RESIDENCE OF INVENTOR 4

LAST NAME: Arnold FIRST NAME: Frances MIDDLE NAME: H.  
CITY: Pasadena STATE: California COUNTRY OF CITIZENSHIP: USA  
POST OFFICE ADDRESS: 629 S. Grand Avenue CITY: Pasadena STATE: California ZIP CODE: 91105

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SIGNATURE OF INVENTOR 1: \_\_\_\_\_ DATED: \_\_\_\_\_  
Charles F. Spence

SIGNATURE OF INVENTOR 2: *[Signature]* DATED: 11/22/99  
Anne Y. Fu

SIGNATURE OF INVENTOR 3: \_\_\_\_\_ DATED: \_\_\_\_\_  
Stephen R. Quake

SIGNATURE OF INVENTOR 4: \_\_\_\_\_ DATED: \_\_\_\_\_  
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FULL NAME AND RESIDENCE OF INVENTOR 2

LAST NAME: FU      FIRST NAME: Anne      MIDDLE NAME: Y.

CITY: Hacienda Heights      STATE: California      COUNTRY OF CITIZENSHIP: U.S.A.

POST OFFICE ADDRESS: 16320 Canelones Drive      CITY: Hacienda Heights      STATE: California      ZIP CODE: 91745



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LAST NAME: **QUAKE** FIRST NAME: **Stephen** MIDDLE NAME: **R.**

CITY: **San Marino** STATE: **California** COUNTRY OF CITIZENSHIP: **91108 USA**

POST OFFICE ADDRESS: **744 Plymouth Road** CITY: **San Marino** STATE: **California** ZIP CODE: **91108**

FULL NAME AND RESIDENCE OF INVENTOR 4

LAST NAME: **Arnold** FIRST NAME: **Frances** MIDDLE NAME: **H.**

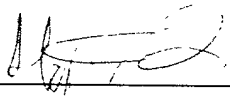
CITY: **Pasadena** STATE: **California** COUNTRY OF CITIZENSHIP: **USA**

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SIGNATURE OF INVENTOR 2: \_\_\_\_\_ DATED: \_\_\_\_\_  
Anne Y. Fu

SIGNATURE OF INVENTOR 3:  \_\_\_\_\_ DATED: 10/1/07  
Stephen R. Quake

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FULL NAME AND RESIDENCE OF INVENTOR 2

LAST NAME: FU                      FIRST NAME: Anne                      MIDDLE NAME: Y.

CITY: Hacienda Heights                      STATE: California                      COUNTRY OF CITIZENSHIP: U.S.A.

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LAST NAME: **QUAKE** FIRST NAME: **Stephen** MIDDLE NAME: **R.**

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SIGNATURE OF INVENTOR 1: \_\_\_\_\_

*Charles F. Spence*  
Charles F. Spence

DATED: *October 10, 1999*

SIGNATURE OF INVENTOR 2: \_\_\_\_\_

Anne Y. Fu

DATED: \_\_\_\_\_

SIGNATURE OF INVENTOR 3: \_\_\_\_\_

Stephen R. Quake

DATED: \_\_\_\_\_

SIGNATURE OF INVENTOR 4: \_\_\_\_\_

Frances H. Arnold

DATED: \_\_\_\_\_